ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Development Agency (BRRDA)

Head :- F.D.R.

YEAR (2021-22)

STATE	BIHAR
DICTRICT	SUPAUL
BLOCK	CHHATAPUR
DIVISION	TRIVENIGANJ

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ HOTE SIMA SADAK TAK

Actual Length of Road	=	1.600 Km
Flood affected Length of Road	=	0.230 Km
TOTAL COST OF PAVEMENT	Rs	1,244,805
TOTAL PROJECT COST	Rs	1,244,805

Submitted By:
Executive Engineer
RWD (W) Division,Triveniganj

Prepared By:
Executive Engineer
RWD (W) Division,Triveniganj

23	Supaul	Triveniganj	Ranipatti WN 6 To Sada Tola	1.128	0.15	9.5	Chhatapur
24	Supaul	Triveniganj	Paswan Tola To pal tola	1	0.06	12	Chhatapur
26	Supaul	Triveniganj	Mohamadganj ward no 02 sima se bechan sah shambhu paswan tola to hote hue beriya sima tak	1.865	0.06	22	Chhatapur
27	Supaul	Triveniganj	Jadiya Balua Path SHW se purab swasthya up kendra P.o. se Purab to Madhopur panchyat sima tak via Chauhan, Mandal, Nauniya tola	1.99	0.3	12.5	Chhatapur
28	Supaul	Triveniganj	Madhopur kaji tola paschim kujrahi to SHW birpur Sukhai chowk tak	1.999	0.27	16	Chhatapur
29	Supaul	Triveniganj	Ambika mandal ke ghar ke nikat to Dipu paswan ke ghar kamat kisunganj sima	2.63	0.45	53	Chhatapur
30	Supaul	Triveniganj	Mahaddipur Bazar to Batrahi Muslim Tola	0.3	0.4	3.5	Chhatapur
31	Supaul	Triveniganj	H O Mano Mandal to Ram Tola	0.7	0.1	15	Chhatapur
32	Supaul	Triveniganj	Chhatapur laxmipur sima se to Khatbe tola Mahadalit tola khunti tak	3	0.05	45	Chhatapur
33	Supaul	Triveniganj	Bairia Pula à¤¸à¥‡ Md Ganj Sima H O Ravin Thakur	0.9	0.085	45	Chhatapur
34	Supaul	Triveniganj	Brahaman Tola PMGSY Udhampur Bhagwatipur to Ram Tola	1	0.3	28	Chhatapur
35	Supaul	Triveniganj	HO Prakas Singh to Sah Tola	1.2	0.3	18.5	Chhatapur
36	Supaul	Triveniganj	Gulab Chand Mukhia House to Mullah Tola	1.8	0.25	16.5	Chhatapur
37	Supaul	Triveniganj	N H 57 Yadav Tola to Paswan Tola-2722	1	0.15	9.75	Chhatapur
38	Supaul	Triveniganj	Koriyapatti to Rajeshwari path	3	0.38	22	Chhatapur
39	Supaul	Triveniganj	Karwana Bechan Sah Ke Ghar To Dahariya Sima Tak	2.27	0.25	18	Chhatapur
40	Supaul	Triveniganj	Madhopur Ansari Tola Se Dakshin to SHW Amar Chowk via Mahadalit Tola Yadav Tola	1.05	0.3	58	Chhatapur
41	Supaul	Triveniganj	Rani Patti 49 RD to Digambar Jha Ke Ghar tak	2	0.215	18.5	Chhatapur
19	Supaul	Triveniganj	World Bank Road Barma Colony Hote Huye to Kishan Yadav Ke Ghar tak	1.53	0.2	22.5	Chhatapur
42	Supaul	Triveniganj	Yojna Sankhaya 1 Ram Chandra Ghar Se Purab Mahadalit Tola to Sahata Panchayat Sima Upendra Singh ke Ghar tak	2.2	0.2	29	Chhatapur
43	Supaul	Triveniganj	31 Nosadak Laxman Mehta Ke Ghar Hote Huye to Md. Ganj Hote Sima Sadak Tak	1.6	0.3	20	Chhatapur
44	Supaul	Triveniganj	Main Canal East to Paswan Tola	2.37	0.3	25	Chhatapur
45	Supaul	Triveniganj	NH 57 to Nuniya Tola	5.1	0.35	18.5	Chhatapur
46	Supaul	Triveniganj	House of Manilal Paswan Tola to Adibasi Tola	2.7	0.54	17.5	Chhatapur
47	Supaul	Triveniganj	Rajeshwari OP to Tamua	5.1	0.06	42.5	Chhatapur
48	Supaul	Triveniganj	Construction of Road from Koriyapatti, Rajeshwari Pakki sadak to the west of Gangapur Minar Canel 8.5 rd to 0 rd	2.75	0.2	48.86	Chhatapur

जाँच प्रतिवेदन

पत्रांक प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना के पत्रांक–1890 दिनांक–22.04.2022 द्वारा अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा की अध्यक्षता में गठित चार सदस्यीय ी द्वारा कार्य प्रमंडल, त्रिवेणीगंज के अंतर्गत वर्ष 2021–22 में बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों के मोटरेबुल कार्य के कृत कार्य मदों की मात्रा का स्थलीय जाँच संबंधित सहायक अभियंता कनीय अभियंता के साथ मापी लिया गया जो निम्न है :–

me of Road :- 31 NO ROAD LAXUMAN MEHTA KE HGAR SE MOHAMMAD GANJ SIMA SADAK TAK.

ision Name :- Rural Works Department, Works Division, Triveniganj

ck :- Chhatapur

No.	Items of Works	Nos.		B (m)	(m) IN	Quantity (m3)
1	BRICK BATS					
		5	30.0	3.2	0.3	144
		1	30.0	(8+6)/2	0.3	63
		2	25.0	5.6	0.3	84
		Total Qty. =				291
2	GEO BAGS					
		2	40	1	1.5	120
					120/0.076	1570
3	HP NP-3 1000MM DIA					
		2	3	2.5		15
		2	3	2.5		15
		2	3	2.5		15
		2	3	2.5		15
	Total Qty. =					60

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, सुपौल।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बीरपुर।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, त्रिवेणीगंज

पालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, त्रिवेणीगंज समिति के जाँच प्रतिवेदन के अनुसार **POST FACTO M.B.** एवं **POST FACTO** प्राक्कलन तैयार कराकर
प्राधिकार को अग्रतर कार्रवाई हेतु शीघ्र भेजें।

अधीक्षण अभियंता सह अध्यक्ष जाँच समिति
ग्रामीण कार्य विभाग
कार्य अंचल, मधेपुरा

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ HOTE SIMA SADAK TAK

DIVISION :- TRIVENIGANJ

BLOCK :- CHHATAPUR

Actual Length of Road :- 1.600 Km

Flood Affected Length of Road :- 0.230 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	559,555.17
3	EC BAG	-
4	GEO BAG	271,705.53
5	GRANULAR SUB BASE	-
6	HUME PIPE	242,519.49
	Total Cost =	1,073,780.19
	Add:-Labour Cess @1% amt. =	10,737.80
	Add:GST@12% on amt. =	128,853.62
	Add:S.F.@ 10% on Material =	31,433.40
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,244,805.0

AKP 10/6/22
Junior Engineer
RWD (W) Division,Triveniganj

[signature] 10/06/2022
Assistant Engineer
RWD (W) Division, ~~Triveniganj~~ Chhatapur

[signature] 17.6.22
Executive Engineer
RWD (W) Division,Triveniganj

Vide letter मु० अभि० 4 (मु०) विविध (कार्य) 23-291/2019-484 dt-07/12/2021

Technically sanctioned for rupees 12,44,805.00 (that is twelve lakh fortyfour thousand and eight Hundred and five rupees only)

[signature] 29/06/22

Superintending Engineer
Rural Works Department
Works Circle Madhepura

Details of Measurement

कार्य का ब्यौरा Deatail of Work		संख्या No.	पैमाईस लम्बाई in m.		चौड़ाई In m.	In m.	मात्रा
NAME OF ROAD :-	**DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ HOTE SIMA SADAK TAK**						
Item No. 1	Sand filling in Foundation Trenches as per Drawing & Technical Specification						
CH:-in .		1	0		0.000	0.40	0.000
							0.000
Item No. 2	Providing and laying of Brick bat obtained from chimney with machenical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.						
CH:-in		5	30		3.200	0.300	144.000
CH:-in		1	30	(8+6)/2	7.000	0.300	63.000
CH:-in		2	25		5.600	0.300	84.000
							291.000
					Total (In Cum)		
Item No. 3	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I						
CH:-in		0	20		1.75	0.9	0.00
		Total (in cum)					0.00
(0.034m3=1 no. of EC Bags)							0.00
		Total (in nos.)					0.00
Item No. 4	Providing,laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)						
CH:-in		2	40		1.00	1.5	120.00
							120.00
(0.076m3=1 no. of Geo Bags)							1578.95
		Total (in nos.)					1578.00
Item No. 5	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.**(Gr-II Material)**						
		3	0		3.75	**0.150**	0.0000
					Total (Cum)		**0.000**
Item No. 6	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).						
Ch.in		2	3		2.5		15.00
		2	3		2.5		15.00
		2	3		2.5		15.00
		2	3		2.5		15.00
					Total (in m)		**60.00**

10/6/22
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10/06/2022
AE

17.6.22
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Executive Engineer
Rural Works Department
Work Division, Triveniganj

Estimate of Flood affected Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ HOTE SIMA SADAK TAK **BLOCK :-** CHHATAPUR

S.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	0.00	Cum	549.11	0.00
2	A/R	Providing and laying of Brick bat obtained from chimney with machenical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	291.00	Cum	1922.87	559555.17
3	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	nos.	36.10	0.00
4		Providing,laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)	1578.00	Each	172.18	271705.53
5	401	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	0.000	Cum	3010.64	0.00
6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	60.00	m	4041.99	242519.49
		Total			Rs.	**1073780.19**

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10/06/2022
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Executive Engineer
Rural Works Department
Work Division. Trivenigani